

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

WYRWAS

Atty. Ref.: 1483-19

Serial No. Unknown

Group:

Filed: August 20, 2001

Examiner:

For: COMMUNICATION METHOD AND APPARATUS WITH INTERFERENCE
MITIGATION

* * * * *

August 20, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In order to place the above-identified application in better condition for examination,
please amend the application as follows:

IN THE CLAIMS

Please cancel claims 1-15 without prejudice or disclaimer.

Please add new claims 16-45 as follows:

16. (New) A method of mitigating interference in a user uplink signal received at a satellite from
a terrestrial user terminal comprising the steps of:

generating an estimated interference signal in accordance with one or more parameters;

A,
processing a signal derived from said uplink signal in accordance with said estimated
interference signal to reduce the magnitude of corresponding components within said uplink
signal; and